GREEN ENERGY
Lithium Battery Expert

Rechargeable Lithium-ion Polymer Battery

GEP325085

Electrical Characteristics

Nominal Capacity	**1300mAh (0.2C Discharge)**
Nominal Voltage	**3.7V**
Charge Cut-off Voltage	**4.2V**
Discharge Cut-off Voltage	**3.0V**
Internal Impedance	**⩽ 100mΩ**
Standard Charge Current	**0.2C**
Standard Discharge Current	**0.2C**
Weight	**Appro. 26g**
Rapid Charge Current	**1.0C (CC/CV, 1300mA,4.2V,13mA)**
Max Discharge Current	**1.0C (Ambient temperature 25℃)**

Standard Charge

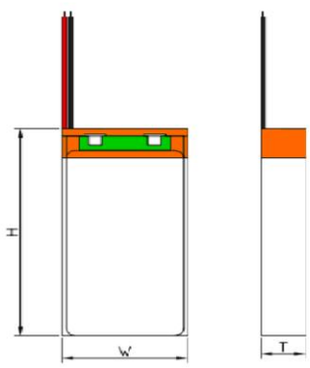
Constant Current(CC) Charging at 0.2C to 4.2V
Constant Voltage(CV) Charging at 4.2V to cut-off current⩽0.01C

Standard Discharge

Constant Current (CC) Discharge at 0.2C to cut-off voltage of 3.0V

General cycle Life(25±2℃) **300times**

Constant current 0.2C charge to 4.2V , then constant voltage charge to current declines to 0.01C, rest 0.5h , then constant current 0.2C discharge to 3.0V, rest 0.5h. Repeat above steps till continuously discharging capacity lower than 80% of the Initial Capacities of the Cells.



Dimension(without PCM and wire)
T: 3.2mm W: 50mm H: 85mm
(Note:Drawings just for reference)

Terminal /Connector

Soldering tabs/wires/connectors (any special connector, please don't hesitant to contact us.)

Operating Temperature

Charge: 0 ~ 45℃
Discharge: -20 ~ 60℃

Storage Temperature

During 1 month: -5 ~ 35℃
During 6 months:0 ~ 35℃

Note:Information above just for your reference, more details please contact Green Energy Battery Co.,Ltd.